Record Nr. UNINA9910887000303321 Autore Yadav Sanjay Titolo Recent Advances in Mechanical Engineering: Select Proceedings of ICMET 2023 / / edited by Sanjay Yadav, Yogesh Shrivastava, Shanay Rab Singapore:,: Springer Nature Singapore:,: Imprint: Springer,, 2024 Pubbl/distr/stampa **ISBN** 981-9749-47-6 Edizione [1st ed. 2024.] Descrizione fisica 1 online resource (489 pages) Collana Lecture Notes in Mechanical Engineering, , 2195-4364 Altri autori (Persone) ShrivastavaYogesh RabShanay Disciplina 629.8 Soggetti Industrial engineering Automation Automotive engineering Materials **Industrial Automation** Automotive Engineering Materials Engineering Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Nota di contenuto 1. Investigation of microstructural, hardness and tensile response of stir cast AA7075 composite -- 2. Numerical Investigation Of Novel Cylindrical Lithium-Ion Battery Pack Mini Channel Cooling Plate -- 3. Performance of Solar Still with effects of psychometric terms for developed moist air -- 4. Sliding wear behaviour of microwave cladding using pin on disk method -- 5. Design and development of injection mould for plastic components -- 6. Optimization and Prediction of Free Vibration Behaviour of Plant Glass Fibres Reinforced Hybrid Composite Plates Using PSO and ANN -- 7. Mechanical Properties of Fly Ash and Egg Shell Epoxy Composites. Sommario/riassunto This book presents the select proceedings of the 3rd International Conference on Mechanical and Energy Technologies (ICMET 2023). It covers a wide range of topics, including robotics and automation, advanced manufacturing technologies, materials science and

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